Study Programme

Academic year 2022-2023

Faculty of Engineering and Architecture
Master of Science in Electrical Engineering Technology -- Automation

Campus: Courtray

Language of instruction: Dutch

Programme version 7

1   General Courses — 12 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E640001	Business Management	6		1		180
2	E640105	Advanced Electromechanical Actuators	6		1	A:1	180
		Kurt Stockman -- Department of Electromechanical, Systems and Metal Engineering					

2   Courses Related to the Main Subject — 42 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E640011	Totally Integrated Automation I	6		1	A:1	180
		Dieter Vandenhoeke -- Department of Industrial Systems Engineering and Product Design					
2	E640017	Total Plant Automation I	6		1	A:1	180
		Johannes Cottyn -- Department of Industrial Systems Engineering and Product Design					
3	E640013	Totally Integrated Automation II	6		1	A:2	180
		Dieter Vandenhoeke -- Department of Industrial Systems Engineering and Product Design					
4	E640018	Total Plant Automation II	6		1	A:2	180
		Johannes Cottyn -- Department of Industrial Systems Engineering and Product Design					

2.1 Master's dissertation

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E640100	Master's Dissertation	18		1	A:J	540

3   Elective Courses — 6 credits

Subscribe to 6 credit units from the following list. Subject to approval by the faculty.

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E640023	Mechatronics I [en, nl]	6		1	A:1	180
		Bart Vanwalleghem -- Department of Electromechanical, Systems and Metal Engineering					
2	E640014	Energy Auditing	6		1	A:1	180
		Jan Desmet -- Department of Electromechanical, Systems and Metal Engineering					
3	E099980	Internship 3	6		1		180
4	E099940	International Internship 3	6		1		180

Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the cours name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Kroatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2.
When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.
When a semester is shown in brackets, the course in not offered this year in the specific offering.
The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2023-2024	f: annually, from 2024-2025	i: annually, from 2025-2026
b: tri-annually	d: bi-annually, from 2023-2024	g: bi-annually, from 2024-2025	j: bi-annually, from 2025-2026
	e: tri-annually, from 2023-2024	h: tri-annually, from 2024-2025	k: tri-annually, from 2025-2026